


Seattle Climate Impacts Planning Tool



Impacts to Seattle's physical environment resulting from a changing climate will pose challenges for capital projects. The **Climate Impacts Planning Tool** will assist you in identifying key factors to be considered in the design and implementation of a project. It will also provide information and guidance on assessing risk and possible adaptation strategies.

System Requirements: Windows Excel 2007/2010, macro-enabled.

Note: For projects whose overall budget exceeds \$50 million, a more detailed business case analysis should be used.

Enter information about your project and select from the drop-down menus. The climate impact buttons and map below show where in Seattle significant impacts are expected. Please allow 10-20 minutes to complete the Climate Impacts Planning Tool. Click the  icons for help.

Project name:

(enter project name)

Site street address:

(enter site address, if known)

City department:

(select City department)

Project type:

(select project type)

CONTINUE >

Climate Impacts

Higher Temperatures

Sea Level Rise

Precipitation & Streamflow

Climate Impact Overview

Regional projections indicate that sea level in Puget Sound will increase by:

- 3 to 22 inches by 2050.
- 6 to 50 inches by 2100.

Global models indicate a steady acceleration in the rate of sea level increase over the next century.

Storm surge and extreme high tides can add an additional 2 to 3 feet to these higher water levels.

